



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C02F	A2	(11) International Publication Number: WO 99/48817 (43) International Publication Date: 30 September 1999 (30.09.99)
(21) International Application Number: PCT/CA99/00233 (22) International Filing Date: 19 March 1999 (19.03.99) (30) Priority Data: Not furnished 25 March 1998 (25.03.98) US (71) Applicant (for all designated States except US): HYGENITEK INC. [CA/CA]; Unit 5, 7370 Woodbine Avenue, Markham, Ontario L3R 1A5 (CA). (72) Inventor; and (75) Inventor/Applicant (for US only): LUSCOMBE, John, Stanbury [CA/CA]; 21 Magdalena Court, Etobicoke, Ontario M9V 4S7 (CA). (74) Agents: EISEN, Mark, B. et al.; Dimock Stratton Clarizio, Suite 3202, 20 Queen Street W., Box 102, Toronto, Ontario M5H 3R3 (CA).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>

(54) Title: WATER SANITIZING SYSTEM**(57) Abstract**

A device for sanitizing and dispensing water used in dental and other medical procedures provides a sanitizing tank into which municipal tap water or another water supply is sanitized to kill harmful bacteria and other micro-organisms. The sanitized water is drained to a reservoir when the level of water in the reservoir reaches a selected lower limit, as detected by a level sensor which signals a valve between the sanitizing tank and the reservoir to open. The sanitized water can be used in medical or dental procedures which require large amounts of water for irrigation, cooling or other purposes. The dispensing system provides selectable distribution of the sanitized water through an existing dental distribution system, supplying disinfectant to certain dispensing devices and systems while supplying sanitized water to others.

